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June

Ninetieth

# Commencement Exercises

University of Arkansas

Saturday, May 30, 1964



Program

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Degrees Awarded

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June

# Commencement Exercises

University of Arkansas

Saturday, May 30, at 5:00 P.M.

1964

## Program

CARILLONIC BELLS RECITAL—4:30-5:00

JOHN ENIS

Processional . . . . . *University Band*  
RICHARD WORTHINGTON, *Director*

The Star Spangled Banner . . . . .  
KENNETH BALLENGER, *Director*

Prayer . . . . .  
ANDREW M. HALL, *Pastor*  
*First Baptist Church, Fayetteville*

Commencement Address . . . . .  
CAREY CRONEIS, *Chancellor*  
*Rice University*

Conferring of Degrees . . . . .  
D. P. RANEY, *Chairman*  
*Board of Trustees*

Presentation of Diplomas . . . . .  
DAVID W. MULLINS, *President*

Alma Mater . . . . . *Tovey*  
KENNETH BALLENGER

Pure as the dawn on the brow of thy beauty  
Watches thy Soul from the mountains of God  
Over the fates of thy children departed  
Far from the land where their footsteps have trod  
Beacon of hope in thy ways dreary lighted,  
Pride of our hearts that are loyal and true;  
From those who adore unto one who adores us,  
Mother of Mothers, we sing unto you.—*By Brodie Payne*

Benediction . . . . .  
ANDREW M. HALL

Recessional . . . . . *University Band*  
RICHARD WORTHINGTON, *Director*

JUN 23 1964

L.b.

Ar4Lac

# Degrees in Course

Presented by Guerdon D. Nichols, Dean of the College of Arts and Sciences

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 Samuel Allen Weems  
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Presented by Virgil W. Adkisson, Dean of the Graduate School

## MASTER OF ARTS IN SECONDARY MATHEMATICS

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## MASTER OF ARTS

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B. A., Hendrix College  
James Karrol Braden (Speech & Drama)  
B. A., University of Arkansas  
Richard B. Bullock (Geography)  
B. A., University of Arkansas  
Gayle Cates (Sociology)  
B. S., Southern State College  
Larry Lynn Clark (Mathematics)  
B. S., McPherson College  
Herbert Lee Fine (Psychology)  
B. A., Washington University  
James M. Franz (Mathematics)  
B. S. E., Henderson State Teachers College  
Nancy Kirkman Gavrilis (English)  
B. A., Indiana University  
Yvonne Louise Giem (English)  
B. A., Memphis State University  
Neal H. Hardin, Jr. (Psychology)  
B. S., Trinity University  
Carl Wayne Hogg (Mathematics)  
B. S. AG., University of Missouri  
Leo Elmer Huff (History)  
B. A., University of Arkansas  
James Dunaway Johnson (English)  
B. A., University of Arkansas  
Donald John Koets (Speech & Drama)  
B. A., College of Emporia  
B. D., San Francisco Theological Seminary

Bobbie Winifred Ralston Law (Speech & Drama)  
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Mary Elizabeth Robins Muse (Mathematics)  
B. S. E., Arkansas State Teachers College  
Patricia A. Pumphrey (English)  
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George William Ray (History)  
B. A., Arkansas Polytechnic College  
Norman Reves (English)  
B. A., University of Arkansas  
Ellen Compton Shipley (History)  
B. S. E., University of Arkansas  
Earnest Charles Smith (Mathematics)  
B. S., Arkansas A. M. & N. College  
Gary Eugene Thompson (Government)  
B. S. E., Abilene Christian College  
Paula Jenell Thompson (Speech & Drama)  
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B. A., University of Arkansas  
John Alfred Treon (History)  
B. S., Lambuth College  
Bell Travis Tunnell, Jr. (Psychology)  
B. A., Little Rock University  
Walter Reid Wilding (Mathematics)  
B. S., Utah State University  
Jan Austin Williams (Spanish)  
B. S. Ed., Southwest Missouri State College

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B. S., Arkansas State Teachers College  
Jimmy Joe Bradley (General Agriculture)  
B. S. A., University of Arkansas  
Norman W. Brints (Agricultural Economics)  
B. S., Texas Technological College  
John I. Coley (General Agriculture)  
B. S. A., University of Arkansas  
Carlos Diaz-Polanco (Plant Pathology)  
B. S., University of Southwest Louisiana  
Joel Neal Ferguson (General Agriculture)  
B. S. A., University of Arkansas  
Gordon L. Ford (Dairy Husbandry)  
B. S. A., University of Arkansas  
Ann Gibbs (Chemistry)  
B. S., University of Texas  
Bobby Eugene Gilliland (Instrumental Science)  
B. S. Ch. E., Louisiana Polytechnic Institute  
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B. S., Arkansas Polytechnic College  
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M. S., University of Arkansas

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Tony Rihs (Chemistry)  
Diploma, Technical College of Burgdorf, Switzerland

Keith Edward Rinehart (Poultry Nutrition)  
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Mary Eugenia Sidler (Mathematics)  
B. A., University of Arkansas

Albert Gregory Starling (Mathematics)  
B. S. E. E., University of Arkansas

John Dallas Taylor (Geology)  
B. S., Purdue University

Jimmy Edward Thomas (Poultry Husbandry)  
B. S. A., University of Arkansas

Gay Butler Turney (Mathematics)  
B. A. in Ed., Northeast State College  
M. Ed., University of Arkansas

Marvin Leslie Wall (Entomology)  
B. S. A., University of Arkansas

James Otis Watson (Mathematics)  
B. S. E., University of Arkansas

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B. S., Arkansas Polytechnic College

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B. S. A., University of Arkansas

Joseph Womack (Instrumental Science)  
B. E., Vanderbilt University

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B. S. B. A., University of Arkansas

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B. S. B. A., Southern State College

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Carol Dean Ham (Elementary Education)  
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Audrey Nash Hampton (Educational Administration)  
B. S. E., Southern State College

Miriam S. Harris (Elementary Education)  
B. S. E., Arkansas A. & M. College

Carroll D. Jones, Jr. (Educational Administration)  
B. S. E., Arkansas State Teachers College

Patricia Maxwell Kamerman (Secondary Education)  
B. S. E., University of Arkansas

Tommy Van Lester (Physical Education)  
B. S., College of the Ozarks

Joyce Ivy Lowe (Vocational Education)  
B. S., Boston University

Carol Schoen Luhn (Vocational Education)  
B. A., University of Arkansas

Patricia Ann Pond (Physical Education)  
B. S. E., University of Arkansas

Gwynn Ann Prideaux (Elementary Education)  
B. S. E., University of Arkansas

Anna Louise Schwegler (Physical Education)  
B. S., College of the Ozarks

Rebecca Hudson Slaven (Elementary Education)  
B. A., University of Arkansas

Shirley V. White (Elementary Education)  
B. A., University of Arkansas

Mary Ferguson Wolfe (Elementary Education)  
B. S. E., University of Arkansas

## MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Ronald G. Brockert (Electrical Engineering)  
B. S. E. E., University of Oklahoma

John Paul Connor (Electrical Engineering)  
B. S. E. E., University of Arkansas

Thomas M. Horan (Electrical Engineering)  
B. S. E. E., Purdue University  
M. S., Washington University

Donald Woodrow Nalley, Sr. (Electrical Engineering)  
B. S. E. E., Clemson College

Joseph Albert Plunkett (Electrical Engineering)  
B. S. E. E., University of Arkansas

Neil Martin Schmitt (Electrical Engineering)  
B. S. E. E., University of Arkansas



## MASTER OF SCIENCE IN ENGINEERING MECHANICS

Ronald William Moore (Engineering  
Mechanics)  
B. S. M. E., University of Colorado  
Gilbert Franklin Perleberg (Engineering  
Mechanics)  
B. S., Newark College of Engineering  
B. S., University of Utah

Nick Petelski (Engineering Mechanics)  
B. S. M. E., John Brown University

## MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

Robert Monroe Crisp, Jr. (Industrial  
Engineering)  
B. S. I. E., University of Arkansas

## MASTER OF MUSIC

Kathryn Claire Oakley (Piano)  
B. M., McNeese State College

## MASTER OF FINE ARTS

John M. Daniel (Art)  
B. S., Lamar State College of Technology

## DIPLOMA OF ADVANCED STUDY

John B. Benson (Elementary Education)  
B. A., Berea College  
M. S. E., Henderson State Teachers College  
Leon Wayne Butterfield (Elementary  
Education)  
B. S. Ed., Kansas State Teachers College  
M. S., Kansas State Teachers College  
Harold Eugene Griffin (Educational  
Administration)  
B. S., Arkansas Polytechnic College  
M. Ed., University of Arkansas  
William E. Langrell (Educational  
Administration)  
B. S. E., Arkansas State Teachers College  
M. Ed., University of Arkansas  
Benjamin F. Lever (Educational  
Administration)  
B. S., Tuskegee Institute  
M. S., University of Arkansas  
M. Ed., University of Arkansas

Willie Arlanders McCree (Secondary  
Education)  
A. B., Arkansas A. M. & N. College  
M. Ed., University of Arkansas  
Arlie Metheny (Educational  
Administration)  
B. A., College of the Ozarks  
M. Ed., University of Arkansas  
Arthur H. Miller (Industrial Education)  
B. S., Arkansas A. M. & N. College  
M. S., University of Arkansas  
Daniel F. Price (Educational  
Administration)  
B. A., Southeastern State College  
A. M., George Peabody College  
Arline L. Wheeler (Vocational Education)  
B. S. E., Southwest Missouri State College  
M. S. in Ed., University of Kansas

## DOCTOR OF EDUCATION

James Travis Castleberry (Educational Administration)

B. S. E., Arkansas State Teachers College

M. Ed., University of Arkansas

Dissertation: "The Turnover of Public School Superintendents in Arkansas."

Homer Lee Coker (Physical Education)

B. S., East Texas State College

M. Ed., East Texas State College

Dissertation: "Selected Pre-Activity Calisthenics Programs and Their Effects Upon the Physical Fitness of the College Male."

Theodore B. Elliott (Secondary Education)

B. S., Arkansas A. M. & N. College

M. Ed., Tuskegee Institute

Dissertation: "A Comparative Study of the Attitudes of Negro Teachers Towards Two Articles on Social Equality."

Phyllis Flowers Greenhouse (Secondary Education)

B. S. H. E., Arkansas A. M. & N. College

M. Ed., Colorado State University

Dissertation: "A Comparison of Selected Personality Traits of Student Teachers and Supervising Teachers."

Quain K. Jahrman (Vocational Education)

B. S. Ed., Dickinson State Teachers College

M. A., Colorado State College of Education

Dissertation: "Recruiting Prospective Teachers of Industrial Education."

James B. Kenney (Educational Administration)

B. S. E., University of Arkansas

M. Ed., University of Arkansas

Dissertation: "A Comparison of Two Methods of Class Scheduling."

Corbett Smith (Secondary Education)

B. Mu. Ed., University of Oklahoma

M. Mu. Ed., University of Oklahoma

Dissertation: "Achievement and Affiliation Motives as Factors in Predicting Scholastic Success in College."

Lovena I. Wheeless (Secondary Education)

B. S. E., University of Arkansas

M. Ed., University of Arkansas

Dissertation: "An Evaluation of the Business Education Programs of the Public Secondary Schools in Northwest Arkansas."

Electa Campbell Wiley (Secondary Education)

B. S. H. E., Arkansas A. M. & N. College

M. Ed., University of Arkansas

Dissertation: "A Study of the Noble Savage Myth in Characterizations of the Negro in Selected American Literary Works."

Frances Sue Wood (Elementary Education)

B. S. E., University of Arkansas

M. S., University of Arkansas

Dissertation: "Improving the Quality of Student Teaching Through Diary Records, Individual Conferences and Seminars."

## DOCTOR OF PHILOSOPHY

Martha Rae Barnes (Psychology)

B. A., University of Arkansas

M. A., University of Arkansas

Dissertation: "The Effects of Stress on Experimenter-Subject Interaction in a Simple Learning Situation."

Gerald Edward Breger (Economics)

B. S. B. A., University of Florida

M. A., University of Miami

Dissertation: "The Economics of Urban Blight and Economic Guidelines for Urban Renewal."

George Donald Combs (Engineering Mechanics)

B. S. Ch. E., University of Arkansas

Dissertation: "A Stability Study for Pulsating Flow in Rigid Tubes."

Clarence Willard Elliott (Accounting)

B. S., Arkansas A. & M. College

M. B. A., University of Arkansas

Dissertation: "An Inquiry into the Problems Involved in the Consolidation of Foreign Operations with Particular Emphasis on Exchange Rates."

Clyde E. Harris, Jr. (Business Administration)

B. A., Ouachita Baptist College

M. B. A., University of Arkansas

Dissertation: "A Study of Sales Training Within the General Aviation Industry."



Harold Loyd Lewis (Microbiology)

B. S., Texas College of Arts & Industries

M. S., University of Houston

Dissertation: "The Mechanism of Fatty Acid Metabolism by Cunninghamella echinulata."

Kenneth D. Mace (Botany)

B. S., University of Arkansas

M. S., University of Arkansas

Dissertation: "Effects of Oxytetracycline and Streptomycin on the Metabolism of Tobacco Leaf Tissue and Tobacco Mosaic Virus Replication."

B. C. Menon (Chemistry)

B. Sc., University of Rangoon, Burma

M. S., University of Arkansas

Dissertation: "A Kinetic Study of the Acid- and Base-Catalysed Oxygen-18 Exchange Between p-Substituted Benzophenones and Water."

Sam Burge Morgan (Psychology)

B. S., Memphis State College

M. A., University of Arkansas

Dissertation: "The Effects of Stimulus Novelty and Complexity Upon Curiosity Behavior in Retarded and Normal Children."

Laurence Darrel Neff (Chemistry)

B. A., John Brown University

M. S., University of Arkansas

Dissertation: "An Infrared Study of the Adsorption of Carbon, Hydrogen, and Oxygen Containing Molecules Adsorbed on Iron, Cobalt, and Nickel."

George Nolan, Jr. (Chemistry)

B. S., Northeastern State College

M. S., University of Arkansas

Dissertation: "Electrochemical Behavior of Uranium Ions in Various Ethanol-Water Systems:

I. Polarography of Uranium (IV)

II. Kinetic Study of the Reaction Between Uranium (VI) and Tin (II)."

William R. Pendleton, Jr. (Physics)

A. B., William Jewell College

Dissertation: "Radiative Lifetime Measurements in Helium Using a New Sampling Technique."

Warren Gunther Rubel (English)

B. A., Concordia Seminary

B. D., Concordia Seminary

M. A., Washington University

Dissertation: "The Structural Function of the Christ Figure in the Fiction of William Faulkner."

## Honorary Degrees

### DOCTOR OF LAWS

William E. Darby

Charles Edmund Palm

## Citations

### DISTINGUISHED ALUMNUS

Ben Coonfield

J. William Fulbright

Marvin Melton

NOTE—The above list contains the names of all prospective degree candidates and is not an official list of those actually receiving degrees.

